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Introduction

Soviet aid to industrial construction projects has been a significant factor in the rapid industrialization of Communist China since 1949. This assistance has taken the form of two economic credits totaling 1,720 million rubles against which the Chinese have drawn to help pay for imports from the USSR including equipment for the construction of the 211 major industrial projects which the USSR has committed itself to assist China to construct.* The value of the equipment which the USSR has promised to deliver to China during the period 1949 to 1962 is valued at 8,100 million rubles and includes all technical assistance relating to the 211 projects.

credits and economic efforts

The following Table summarizes Soviet economic aid to Communist China during the period 1949-57.

* Only 205 of the 211 Soviet Aid Projects are considered by the Chinese Communists to be industrial construction projects. The remaining six involve the construction of research institutes and the renovation or expansion of previously constructed projects. Other announcements indicate that agreements have been signed by which the USSR will assist Communist China on 205 industrial projects and 21 "individual workshops".

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Credits and Equipment Exports
Soviet Economic Aid to Communist China,
1949-57*

Date of Agreement	Number of Projects Involved	Economic Credits		Value of Equipment Committed for Delivery <i>at</i>	
		(millions rubles)	(millions US\$)	(millions rubles)	(millions US\$)
February 1950	50	1,200	300	-	-
September 1953	91	-	-	5,200 <i>at 6/</i>	1,300 <i>at 6/</i>
October 1954	15	520	130	100	100
April 1956	55	-	-	2,500	625
Total	211	1,720	430	8,100	2,025

b Includes value of equipment and technical assistance for the 50 projects covered in the

February 1950 agreement.

a Value of equipment committed for delivery through 1962 under existing agreements.

These projects are chiefly in the field of heavy industry and include construction of metallurgical, power, machine-building, chemical, defense, automobile, and tractor-manufacturing plants, petroleum installations, and the like. Assistance by the USSR includes geological surveying, selection of construction sites, designing, supervision of construction-installation work, and, on completion of construction, assistance in the production process of the new plant.

The Chinese Communists originally planned to start construction of 145 projects in the First Five Year Plan, but only ^{*about*} 131 were begun by the end of 1957. In December 1957, Peking announced that 56 projects had been completed and that 10 more would be in partial operation by the end of the year. With the full completion of these 66 projects, 115 of the 211 projects remain to be completed.

* The conversion rate at the official exchange rate is 4 rubles equals to US \$1.

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Until the Chinese Communists define the term Soviet Aid Projects and identify many more projects than they have to date, any list which seeks to identify such projects must be considered tentative. Numerous difficulties attendant on the compilation of this list* necessitated an evaluation of firm, probable, or possible being made in respect to every project considered. Documentation for this list is maintained in the files of the responsible branch.

* For example, the USSR has assisted on hundreds of projects, but most of this assistance has been so minor that it cannot be considered in the category of the 211 Soviet Aid Projects. Also, the multiplicity of projects reported to be under construction at one construction site makes it difficult to determine whether the projects should be considered as components of one over-all project or as separate projects. For example, components of the An-shan Iron and Steel Combine--such as individual blast furnaces--are reported as separate projects receiving Soviet aid. The entire Wu-han Steel Combine, on the other hand, is reported to be only one of the earlier 156 projects.

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1954	Iron and Steel	Blast Furnace (No. 3)	An-shan, Liaoning hl 67 = 122 57	1956	1957
1955	"	Blast Furnace (No. 5)	" "	1954	July 1955
1956	"	Blast Furnace (No. 6)	" "	1953	October 1954
1957	"	Blast Furnace (No. 7)	" "	1953	Early 1954
1958	"	Blast Furnace (No. 8)	" "	1952	1953
1959	"	Blast Furnace (No. 9)	" "	1955	1956
1960	"	Blast Furnace (No. 2)	" "	1955	1956
1961	"	Refractory Plant	Kirin, Kirin hl 51 = 126 53	NA	Before August 1956
1962	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shan, Liaoning)	An-shan, Liaoning hl 67 = 122 57	NA	Operational 1956
1963	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shan, Liaoning)	" "	1954	1957
1964	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shan, Liaoning)	" "	1956	1959 (Plan)
1965	"	Iron Mine, Ore Dressing, and Wintering Plant (An-shan, Liaoning)	" "	1956	1957

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Steel	Rail-Structural Mill (Heavy Rolling Mill)	An-shan, Liaoning 41 07N - 122 57E	1952	1953
	Seamless Tube Mill	" "	1952	1953
	Sheet Mill (No. 2)	" "	1953	1954
	Steel Works (No. 1)	" "	August 1953	1955
	Steel Works (No. 2)	" "	1954	1956
	Steel Combine	Pao-t'ou, Inner Mongo- lian Autonomous Region 40 36N - 110 03E	1957	1962 (Plan)
	Steel Combine	Kue-shan, Hupeh 30 34N - 114 13E	1956	1962 (Plan)
	Precast Reinforced Concrete Products Plant	An-shan, Liaoning 41 07E - 122 57E	1951	June 1954
	Refractory Materials Plant	" "	1954	November 1955
	Blasting Mill (No. 1)	" "	May 1955	November 1955
	Iron Works	Hsue-shan, Anhwei 31 14N - 113 29E	1953	1957 (Plan)

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Possible	Iron and Steel	Iron Processing Plant (No. 2)	Pen-ch'i, Liaoning L3 07 - 122 578	1955	NA
Possible	"	Iron Processing Plant (No. 1)	"	1952	1955
Possible	"	Steel Combine	Pen-ch'i, Liaoning L1 20N - 123 458	1955	NA
Possible	"	Steel Combine (No. 2)	Urumchi, Sinkiang L3 47 - 123 35	1956	NA
Firm	Machine Building	Automobile Manufacturing Plant (No. 1)	Ch'ang-sh'ui, Kirin L3 558 - 125 158	July 1953	July 1956
Firm	"	Ball Bearing Plant	Lo-yang, Honan L3 118 - 112 288	September 1955	Partial operation June 1957
Firm	"	Boiler Plant	Harbin, Heilungkiang L3 118 - 125 3	October 1956	October 1956
Firm	"	Condenser Plant	Shen, Shensi L3 118 - 112 588	August 1956	Equipment being installed January 1957
Firm	"	Electric Cable Factory	Wukien, Liaoning L3 47 - 123 278	September 1953	September 1956
Firm	"	Electrical Equipment Plant (Northeast Co. 4)	Harbin, Heilungkiang L3 47 - 126 398	1951	1954
Firm	"	Electric Meter and Instrument Plant	"	April 1954	June 1956

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First	Mechanical Building	Electronic Tube Plant	Foshing, Kweichow	39 56N - 114 20E	August 1955	October 1956
First	"	Heavy Machinery Plant	Lu-chow-chi, Kweichow	47 15N - 123 40E	June 1956	1959 (Plan)
First	"	Heavy Machinery Plant	T'ai-yuan, Shensi	37 52N - 112 33E	1950	1958 (Plan)
First	"	Heavy Machine Tool Plant	Lu-chow, Kweichow	30 14N - 114 13E	1955	Second quarter 1958 (Plan)
First	"	High-Voltage Switch Plant	Sing, Shensi	34 16N - 108 51E	September 1956	Installation of equipment to start fourth quarter 1957 (Plan)
First	"	Machinist Tool Plant (No. 1)	Mutien, Kweichow	41 48N - 123 27E	April 1953	December 1955
First	"	Measuring and Cutting Tool Plant	Hsiao, Kailangchiang	45 47N - 126 39E	1953	November 1954
First	"	Drilling Machinery and Electrical Equipment Plant	Lu-chow, Kweichow	41 17N - 123 51E	1953	1958 (Plan)
First	"	Drilling Machinery and Equipment Plant	Lo-yang, Kweichow	34 41N - 112 28E	Underway July 1956	1958 (Plan)
First	"	Motor Vehicle Plants	Lu-chow, Kweichow	30 34N - 114 13E	NA	NA
First	"	Motor Vehicle Plant	Lu-chow, Kweichow	36 03N - 103 41E	September 1957	NA

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Firm	Machine Building	Petroleum Drilling Equipment Plant	Lun-shan (Lun-shan), Kansu 36 03E - 129 41E	October 1954	Installation of equipment to begin 1957 (Plan)
Firm	"	Pneumatic Tool Plant	Yunnan, Kweichow 41 48E - 123 27E	July 1952	January 1955
Firm	"	Radio Equipment Plant	Ch'ang-sha, Szechwan 30 40E - 104 04E	October 1954	1958 (Plan)
Firm	"	Railroad Equipment Plant	Ch'ang-sha, Kweichow 43 55E - 125 15E	October 1955	End 1957 (Plan)
Firm	"	Steam Turbine Plant	Harbin, Heilongjiang 45 47E - 126 39E	June 1956	1958 (Plan)
Firm	"	Steam Turbine Plant	Shanghai, Kiangsu 31 14E - 121 28E	September 1954	November 1956
Firm	"	Telecommunications Equipment Manufacturing Plant	Peking, Peking 39 56E - 116 24E	February 1954	September 1957
Firm	"	Textile Equipment Plant	Tai-ch'ang (Tai-ch'ang), Szechwan 37 42E - 117 44E	May 1951	August 1958
Firm	"	Tractor Manufacturing Plant (No. 1)	Lo-yang, Honan 34 13E - 112 28E	September 1955	1958 (Plan)

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Probable	Building	Automobile accessories (No. 1)	Wokan, Hanoi	39 544 - 116 215	August 1955	
Probable	"	Roll bearing plant	Wokan, Hanoi	45 178 - 126 358	1952	January 1953
Probable	"	Bridge building plant	Wokan, Hanoi	39 544 - 116 178	1953	May 1953
Probable	"	Industrial equipment plant	Wokan, Hanoi	41 187 - 123 272	1955	1956 (Plan)
Probable	"	Electrode plant	Wokan, Hanoi	43 524 - 126 338	NA	1956
Probable	"	Internal combustion engine plant	Wokan, Hanoi	39 544 - 116 198	NA	NA
Probable	"	Low-voltage switch plant	Wokan, Hanoi	41 187 - 123 272	July 1953	June 1956
Probable	"	Locomotive and rolling stock plant	Wokan, Hanoi	43 524 - 113 148	August 1957	1958 (Plan)
Probable	"	Machine tools plant (No. 1)	Wokan, Hanoi	47 224 - 123 578	1955	1956 (Plan)
Probable	"	Machine tools plant (No. 2)	Wokan, Hanoi	41 187 - 123 272	1953	1956 (Plan)
Probable	"	Tractor and harvesting plant	Wokan, Hanoi	39 544 - 116 178	1956	1957 (Plan)

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Possible	Machine Building	Tractor Manufacturing Plant	Tientsin, Tientsin 39 08N - 117 12E	December 1955	1957 (Plan)
Possible	"	Aircraft Parts Manufacturing and Repair Plant	Harbin, Harbin 45 40N - 126 53E	1952	NA
Possible	"	Tool Plant	Ch'ang-tu, Szechuan 30 40N - 101 04E	May 1956	1958 (Plan)
Possible	"	Electronic Instruments Plant	Tientsin, Tientsin 39 08N - 117 12E	Preparations underway May 1957	NA
Possible	"	Grinding Wheel Plant	Chang-chai, Hebei 36 45N - 113 40E	Underway July 1957	Partial operation, third quarter 1958 (Plan)
Possible	"	Heavy Machinery Plant	T'ai-ping, Shensi 37 52N - 108 33E	1958	In partial operation 1958
Possible	"	Insulating Materials Plant	Ping, Shensi 36 14N - 109 51E	1957	1958 (Plan)
Possible	"	Lathe Plant	Shiang-tai, Hunan 27 51N - 112 52E	1953	1958
Possible	"	Lathe Plant	Tai-tung, Shensi 36 05N - 113 20E	August 1957	NA
Possible	"	Locomotive and Rolling Stock Plant	Taipei, Liaoning 39 55N - 121 39E	July 1956	1958 (Plan)
Possible	"	Motor Vehicle and Repair Plant	Lu-tung, Shensi 36 05N - 113 11E	1955	NA

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Possible	Machine Building	Passenger Air Plant	Ch'ang-sh'ung, Kiating 13 554 - 125 150	July 1957	1958 (Plan)
Possible	"	Power Equipment Plant	Hsien, Hailungkiang 15 674 - 126 397	1951	1952 (Plan)
Possible	"	Steamship Motor Plant	" "	1951	1952 (Plan)
Possible	"	Turbine Generator Factory	" "	Underway December 1957	1952
Possible	Electric Power	Hydro Station	Ang-shu-shu, Hailung- kiang (Approx.) 13 521 - 126 132	Survey February 1957	1952
Possible	"	"	Pong-shu, Kiating 13 131 - 125 110	1951	1952 (Plan)
Possible	"	"	Hsi-nan-shiang, Chihkiang (Approx.) 19 141 - 129 577	Underway April 1957	1952 (Plan)
Possible	"	"	I-shi-shu, Puman (Approx.) 26 001 - 123 005	July 1956	By 1952 (Plan)
Possible	"	"	Wang-shi Chialinta (Chialinta), Hailung- kiang (Approx.) 53 301 - 123 521	Being designed August 1956	1952

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Line	Electric Power	Hydro Station	Min-chia Gorge, Kanto (approx.) 35 47' - 102 15'	1957 (Plan)	1948 (Plan)
Line	"	"	San-shen Gorge, Hunan (approx.) 35° - 111°	April 1957	1951 (Plan)
Line	"	"	Sze-shu-chiang, Kiangsi (approx.) 26 57' - 111 13'	1955	December 1957
Line	"	"	Shu-ch'iang-ch'ia, Hunan " "	Being planned December 1956	1951
Line	"	Thermal Station	Chang-chao, Hunan 36 45' - 113 40'	December 1952	January 1954
Line	"	"	Ch'ang-shu, Kweichow 38 45' - 104 42'	December 1953	1951
Line	"	"	Chu-ch'ang, Hunan 27 5' - 112 54'	January 1956	Partial operation October 1957 (Plan)
Line	"	" (No. 507)	Chungking, Szechwan 29 34' - 104 35'	1952	March 1954
Line	"	" (No. 2)	Taiwan, Kiangsi 31 55' - 121 34'	February 1954	1955
Line	"	Thermal Station	Shu-ch'ang, Kiangsi 12 07' - 121 34'	December 1951	1955

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Plant	Electric Power	Thermal Station	Location, Capacity	Start Date	Notes
Plant	"	"	Fushun, Liaoning 61 MW - 120 MW	July 1952	
Plant	"	" (No. 1)	Wafangdian, Liaoning 15 MW - 126 MW	1953	1957 (Plan)
Plant	"	Thermal Station	Wafangdian, Liaoning 23 MW - 103 MW	April 1955	December 1956
Plant	"	"	Liaohang, Liaoning 13 MW - 125 MW	January 1955	Partial operation July 1956
Plant	"	"	Lanzhou, Gansu 34 MW - 103 MW	December 1952	November 1957
Plant	"	"	Feiqing, Hubei 10 MW - 114 MW	July 1957	Partial operation 1958 (Plan)
Plant	"	"	Chia-chia-chuang, Hubei 28 MW - 114 MW	April 1955	April 1956
Plant	"	" (No. 2)	Shan, Shanxi 24 MW - 103 MW	1953	October 1957 (Plan)
Plant	"	" (No. 3)	"	Early 1956	First phase completed summer 1957
Plant	"	" (No. 1)	Wafangdian, Liaoning 37 MW - 112 MW	October 1953	August 1956
Plant	"	Thermal Station	Wafangdian, Liaoning 13 MW - 37 MW	October 1953	1957 (Plan)

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Probable	Electric Power	Thermal Station	En-han, Hopeh 39 36N - 114 13E	June 1955	Partial operation August 1957
Probable	"	Hydro Station	Kuan-t'ing, Hopeh (Approx.) 40 00N - 115 15E	May 1954	December 1955
Probable	"	"	Tzu-ping-shi, Szechuan (Approx.) 28 16N - 104 38E	Preparations underway 1956	1959 (Plan)
Probable	"	Thermal Station	An-shan, Liaoning 41 07N - 122 57E	1954	March 1956
Probable	"	"	Ch'ung-sh'ung, Kirin 43 52N - 125 21E	December 1953	Partial operation June 1955
Probable	"	"	Ho-lo-shi-shi, Shikung- kiang 47 15N - 123 40E	July 1953	Early 1955
Probable	"	" (No. 3)	Pao-t'ou, Inner Mongo- lian Autonomous Region 40 36N - 110 03E	September 1954	April 1956
Probable	"	" (No. 5)	T'ai-yuan, Shansi 37 42N - 112 30E	1955	NA
Possible	"	Hydro Station	Pin-fan-shiang, Kwantung (Approx.) 25 56N - 115 02E	Being planned May 1957	NA

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Possible	Electric Power	Hydro Station	Location, China	Design to be completed 3rd quarter 1957 (Plan)	NA
Possible	"	"	Huang-t'ang-k'ou, Chekiang (Approx.) 29 45N - 120 35E	1951	Partial operation 1957 (Plan)
Possible	"	"	Hu-t'ien, Szechuan 26 18N - 118 42E	1951	1962
Possible	"	"	Kai-shan, Szechuan 30 03N - 103 51E	Underway August 1955	NA
Possible	"	"	Shih-lung-pa, Yunnan 24 51N - 102 30E	July 1951	April 1955
Possible	"	"	Shih-t'ung-t'ou, Szechuan 29 32N - 106 14E	August 1951	April 1957
Possible	"	"	Fu-la-po, Sinkiang (Approx.) 43 40N - 87 35E	October 1951	August 1955
Possible	"	Thermal Station	Ch'eng-tu, Szechuan 30 40N - 104 04E	October 1953	April 1955
Possible	"	"	Hsiang-t'ou, Hunan 27 51N - 112 54E	1953	1956 (Plan)
Possible	"	"	Lo-yang, Hunan 34 41N - 112 20E	Underway 1951	1955

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Possible	Electric Power	Thermal Station	Lo-yang, Honan 111 111 - 112 282	Underway June 1956	October 1957 (Plan)
Possible	"	"	Pao-t'ou, Inner Mongo- lian Autonomous Region 10 361 - 110 618	March 1956	NA
Possible	"	" (No. 2)	"	Underway 1957	1957
Possible	"	Thermal Station	Tientsin, Hopoh 39 081 - 121 325	June 1953	Partial operation May 1954 (Plan)
Plan	Coal Industry	Mine	Pong-fang, Hopoh (Approx.) 36 301 - 111 001	November 1955	Before September 1957
Plan	"	"	Hou-hsin (Hui-chin), Shaanxi 12 061 - 121 121	1950	1956 (Plan)
Plan	"	"	Fou-hsin (P'ing-an), Shaanxi 12 081 - 121 121	1951	June Before March 1957
Plan	"	"	Insert Hsing-an-tai) Hou-hsin (Tung-shan), Hollungkiang 17 201 - 130 101	1950	September 1955
Plan	"	"	Cai-an, Shaanxi 12 511 - 125 091	NA	By January 1957

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Firm	Coal Industry	Mine (No. 2 & No. 3)	Hsiao-shan (Hsiao-chia-shi), Anhwei 13 304 - 119 402	1954	July 1956
Firm	"	Mine	Hsiao-guan, Hsienning 13 304 - 123 292	1954	December 1955
Firm	"	"	Ping-ting-shan, Kwan 14 011 - 113 122	1955	1957 (Plan)
Firm	"	Preparation Plant	Peng-fang (2 plants), Kueih (Approx.) 25 301 - 114 003	January 1957	NA
Firm	"	Preparation Plant	Chang-gue-shan, Hsienning (Approx.) 15 301 - 131 102	May 1955	1956 (Plan)
Probable	"	Mine	Hsiao-tao (Hsiao-ta'ao), Kwan 25 152 - 113 132	September 1955	1956
Probable	"	"	Chi-hai (Hsiao-hang-shan), Szechuan 15 151 - 131 002	July 1954	1955
Probable	"	"	Fou-hsin (Hsiao-ch'in), Hsienning 12 063 - 121 122	December 1954	August 1957 (Plan)

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Probable	Coal Industry	Mine	Location	Year	Notes
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 41 53N - 123 54E	1953	1959 (Plan)
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 41 53N - 123 54E	1953	1957 (Plan)
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 47 25N - 132 08E	1950	July 1956
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 41 20N - 123 45E	April 1950	December 1954
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 47 30N - 132 58E	1951	1951
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 49 05N - 113 14E	1951	1951
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 35 00N - 109 07E	May 1956	1958 (Plan)
Probable	"	"	Fe-shun (Lao-hu-tai), Liaoning 35 00N - 109 07E	June 1955	1958 (Plan)
Probable	"	Preparation Plant	Fe-shun (Lao-hu-tai), Liaoning 41 20N - 123 45E	Early 1955	1955

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Reliable	Coal Industry	Preparation Plant	F'ing-tung-chen (2 plants), Hsuan	34 02N - 113 49E	NA	NA
Possible	"	Fine	I-t'ang, Shensi (Approved)	36 02N - 110 30E	1955	NA
Possible	"	"	Ma-chia-kou, Hsueh	39 12N - 118 13E	December 1954	Still under construction July 1957
Possible	"	"	Sian, Shensi	34 12N - 109 54E	NA	1958 (Plan)
	Other					
Firm	Aircraft Industry	Machine Tool Plant	Chia-chia-chuang	41 12N - 123 07E	NA	Under construction 1957
Firm	Chemical Industry	Calcium Carbide Plant	Kirin, Kirin	43 51N - 126 33E	3rd quarter 1955	October 1957
Firm	"	Chemical Plant	Chia-chia-chuang, Hsueh	38 02N - 114 20E	June 1955	August 1955
Firm	"	Chemical Plant	F'ai-guan, Shensi	37 12N - 112 30E	Underway November 1957	NA
Firm	"	Textile Plant	Kirin, Kirin	43 51N - 126 33E	April 1955	October 1957
Firm	"	Nitrogenous Fertilizer Plant	Kirin, Kirin	43 51N - 126 33E	April 1955	October 1957

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Firm	Chemical Industry	Nitrogenous Fertilizer Plant	lan-chen, Kansu 36 035 - 103 412	Underway April 1957	1959 (Plan)
Firm	"	Nitrogenous Fertilizer Plant	T'ai-yuan, Shansi 37 425 - 112 308	Spring 1958 (Plan)	NA
Firm	"	Pharmaceutical Plant	Hukien, Hsiening 41 485 - 123 278	August 1953	1956 (Plan)
Firm	"	Pharmaceutical Plant	T'ai-yuan, Shansi 37 425 - 112 308	Spring 1958 (Plan)	NA
Firm	"	Synthetic Rubber (Isoprene) Plant	Ch'ang-shu, Szechuan 29 501 - 107 018	Underway July 1957	Second quarter 1958 (Plan)
Firm	"	Synthetic Rubber Plant	lan-chen, Kansu 36 035 - 103 412	NA	NA
Probable	"	Chemical Combine	Pairen, Hsiening 38 553 - 121 323	1952	1956
Probable	"	Pharmaceutical Plant	Peking, Hsich 37 503 - 116 218	April 1955	1958 (Plan)
Probable	"	Synthetic Rubber Plant	Kirin, Kirin 43 515 - 126 338	NA	NA
Possible	"	Pharmaceutical Plant (No. 3)	Shanghai, Kiangsu 31 114 - 121 288	1952	Before January 1957
Firm	Nonferrous Metals Industry	Aluminum Plant	Ho-chun, Hsiening 41 525 - 123 538	1953	October 1956

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	Other				
Firm	Various Metals Industry	Aluminum-Alloy Plant	Barin, Heilungkiang 15 17H - 126 39E	1951	1955
Firm	"	Tin Combine	Ho-chia, Yunnan 23 23N - 103 02E	1951	1955
Possible	"	Copper Combine	San-chou, Kiangsu 36 03N - 103 51E	1951	1955
Possible	"	Copper Combine	T'ung-kuan-chan, Anhwei (Approx.) 30 54N - 117 47E	Undertaken March 1953	1957
Possible	"	Copper Combine	Hsin-yeh, Hubei 32 30N - 112 20E	1951	October 1953
Firm	Paper Industry	Paper Mill	Chia-an-shu (Yang-ho) Heilungkiang 16 50N - 130 21E	June 1953	September 1957
Firm	Petroleum Industry	Refinery	Lan-chow, Kiangsu 36 03N - 103 13E	April 1956	1958 (Plan)
Firm	"	Refinery	Kiang River, Szechuan 15 30N - 85 12E	Survey undertaken December 1956	1962 (Plan)
Firm	"	Shale Oil Processing Plant	Pu-chun Bent, Liaoning 41 57N - 123 52E	July 1957	1960 (Plan)

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Possible	Petroleum Industry	Refinery	Tu-chan-tan, Sinkiang 44 204 - 64 518	1952	1956
Possible	"	Refinery	Tu-man, Kansu 39 424 - 97 508	1954	Construction continuing in 1956
Possible	"	Shale Oil Processing Plant (No. 2)	Fu-shun, Kiangsu 41 524 - 123 533	By 1953	December 1954
Firm	Textile Industry	Flax Mill	A-ch'ang, Heilungkiang 45 324 - 126 598	1953	April 1955
Firm	"	Flax Mill	Fu-lan, Heilungkiang 45 574 - 126 388	1953	April 1955
Firm	"	Flax Mill	Ku-shan, Heilungkiang 45 424 - 121 188	By 1956	October 1954
Firm	Shipbuilding Industry	Shipyards	Canton, Kwangtung 23 074 - 113 158	Continued 1957	1956 (Plan)
Firm	"	Shipyards	Shanghai (Hu-tung), Kiangsu 31 144 - 121 288	1953	Before November 1957
Firm	"	Shipyards	Wu-han, Hupei 30 324 - 114 188	1953	Before November 1957
Possible	"	Shipyards	Shanghai (Nian-pan), Kiangsu 31 144 - 121 288	1953	Before November 1957

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None	Communications Industry	Central Telegraph Building	Peking, Hsien 39 568 - 116 218	May 1956	1956 (Plan)
Possible	"	Telecommunications Building	Ch'ang-to, Szechuan 30 408 - 104 018	Underway February 1957	Third quarter 1957 (Plan)
Possible	"	Telecommunications Building	Urumchi, Sinkiang 43 488 - 67 358	September 1956	NA
Possible	"	Television Station	Peking, Hsien 39 568 - 116 218	Underway June 1957	Summer 1958 (Plan)